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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

NOVEMBER 30, 1987

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
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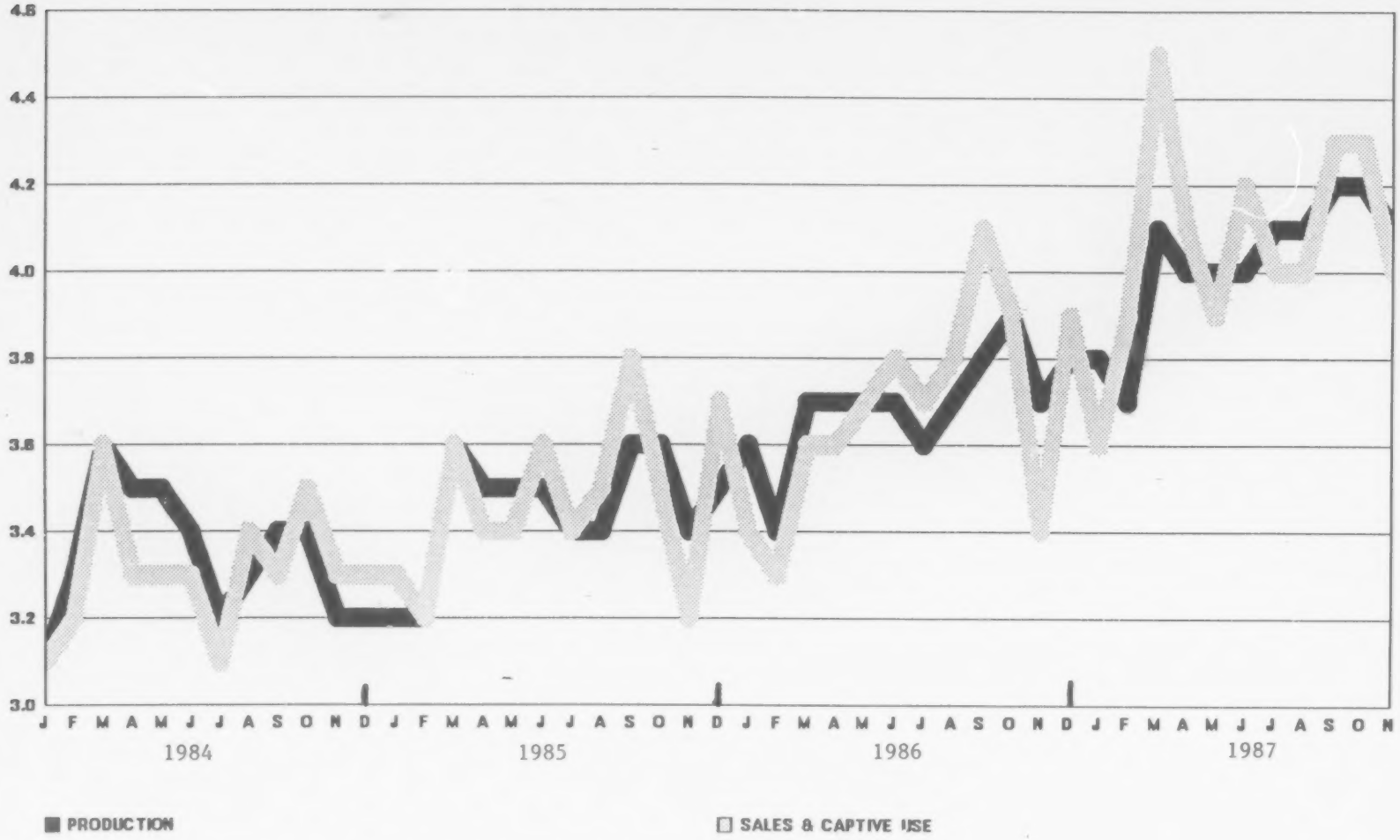
SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & WHINNEY

Release Date: January 25, 1988

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)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PRODUCTION
SALES & CAPTIVE USE

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

NOVEMBER 1987

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR TO DATE			NOVEMBER			YEAR TO DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	33,260	28,079	+18.5	385,507R	349,656	+10.3	37,089	34,229	+ 8.4	390,793	372,715	+ 4.9
POLYESTER (UNSATURATED) RESINS, TOTAL	109,555	99,110	+10.5	1,261,424	1,177,126	+ 7.2	109,898	99,075	+10.9	1,266,190	1,183,540	+ 7.0
UREA RESINS, TOTAL	105,863	106,002	- 0.1	1,255,409	1,160,126	+ 8.2	106,663	106,963	- 0.3	1,269,239	1,166,171	+ 8.8
MELAMINE RESINS, TOTAL	16,372	15,359	+ 6.6	183,389	176,603	+ 3.8	16,767	15,188	+10.4	195,540	161,140	+21.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224,361	215,132	+ 4.3	2,631,461	2,557,004	+ 2.9	225,648	215,716	+ 4.6	2,631,661	2,519,698	+ 4.4
THERMOSETTING RESINS, TOTAL	489,411	463,682	+ 5.5	5,717,190R	5,420,515	+ 5.5	496,065	471,171	+ 5.3	5,753,423	5,403,264	+ 6.5
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	791,892	646,601	+22.5	8,765,579R	8,023,327	+ 9.3	793,567	720,829	+10.1	8,659,324R	8,135,633	+ 6.4
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	662,272	538,276	+23.0	7,443,282R	6,372,635	+16.8	692,937	598,740	+15.7	7,283,432R	6,576,702	+10.7
POLYPROPYLENE, TOTAL	558,661	454,161	+23.0	6,099,017	5,283,819	+15.4	597,574	513,665	+16.3	6,076,792	5,287,622	+14.9
ACRYLONITRILE-BUTADIENE STYRENE (ABS) RESINS, TOTAL	114,400	98,726	+15.9	1,115,783	987,555	+13.0	95,925	100,453	- 4.5	1,059,931R	991,159	+ 6.9
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,317	8,067	+27.9	117,284R	78,580	+49.3	12,593	8,467	+48.7	123,181R	81,782	+50.6
POLYSTYRENE RESINS, TOTAL	368,511	342,381	+ 7.6	4,453,040	4,075,431	+ 9.3	405,863	380,838	+ 6.6	4,371,319	4,072,634	+ 7.3
STYRENE BASED LATEXES, TOTAL **	78,373	71,315	+ 9.9	894,167	796,830	+12.2	76,640	76,330	+ 0.4	851,714	756,936	+12.5
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	24,067	19,091	+26.1	260,917R	258,084	+ 1.1	25,948	23,233	+11.7	274,910R	259,625	+ 5.9
NYLON RESINS, TOTAL	44,316	35,371	+25.3	454,917	407,346	+11.7	40,571	37,298	+ 8.8	465,468	427,726	+ 8.8
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	694,343	590,924	+17.5	7,416,400	6,750,999	+ 9.9	637,435	593,260	+15.9	7,244,057	6,585,040	+10.0
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	55,240	50,714	+ 8.9	654,535	640,481	+ 2.2	* 55,240	* 50,714	+ 8.9	* 654,535	* 640,481	+ 2.2
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS, TOTAL	15,040	13,690	+ 9.9	187,640R	168,444	+11.4	15,184	14,500	+ 4.7	192,668R	177,242	+ 8.7
THERMOPLASTIC POLYESTER, TOTAL	119,021	92,572	+28.6	1,280,794	1,049,619	+22.0	138,956	99,969	+ 9.0	1,272,799	1,061,386	+19.9
THERMOPLASTIC RESINS, TOTAL	3,536,453	2,961,889	+19.4	39,143,355R	34,893,150	+12.2	3,638,433	3,218,296	+12.1	38,530,132R	35,053,968	+ 9.9
GRAND TOTAL	4,025,864	3,425,571	+17.5	44,860,545R	40,313,665	+11.3	4,134,498	3,689,467	+11.2	44,283,555R	40,457,232	+ 9.5

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

\# = Includes imputed data

(4) = The publishing of PVOH data is temporarily suspended

** = Sales and Captive Use figures include some Canadian produced material.

R = Revision

D = Disclosure

Compiled by ERNST & WHINNEY, Washington, D.C., for SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOSETTING RESINS

NOVEMBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
EPOXY RESINS, TOTAL	33,260	28,079	+18.5	385,507R	349,656	+10.3	37,089	34,229	+8.4	390,793	372,715	+4.9
Total Exports	5,529	5,406	+2.3	67,965	51,930	+30.9						
Captive Use, Total	979	1,080	-9.4	12,089	12,111	-0.2						
Domestic Sales, Total	26,752	21,593	+23.9	305,453R	285,615	+6.9						
Domestic Sales & Captive Use, Total	27,731	22,673	+22.3	317,542R	297,726	+6.7						
Bonding & Adhesives	1,691	1,452	+16.5	19,769R	18,117	+9.1						
Flooring, Paving & Exposed Aggregate	1,618	1,415	+14.3	19,502R	18,137	+7.5						
Protective Coatings	13,184	11,172	+18.0	158,676R	149,859	+5.9						
Fiber Reinforced Laminates & Composites, Total	5,713	4,726	+20.9	65,904R	63,582	+3.7						
FRL&C for Printed Wiring Board	3,948	3,259	+21.1	46,277R	43,595	+6.2						
All Other FRL&C	1,765	1,467	+20.3	19,627R	19,987	-1.8						
Tooling, Casting & Molding Resins	1,987	1,505	+32.0	22,219R	21,326	+4.2						
All Other Uses	3,538	2,403	+47.2	31,472	26,705	+17.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	109,555	99,110	+10.5	1,261,424	1,177,126	+7.2	109,898	99,075	+10.9	1,266,190	1,183,540	+7.0
Total Exports	833	741	+12.4	8,877	8,704	+2.0						
Total Domestic	108,722	98,369	+10.5	1,252,547	1,168,422	+7.2						
General Purpose Resins, Total	92,763	84,811	+9.4	1,086,329	1,009,947	+7.6						
General Purpose - Thixotropic	43,310	38,354	+12.9	489,838	449,105	+9.1						
General Purpose - Press Molding	10,791	10,370	+4.1	132,446	141,649	-6.5						
General Purpose - All Other	38,662	36,087	+7.1	464,045	419,193	+10.7						
Flame Retardant Resins	2,586	2,079	+24.4	26,584	23,707	+12.1						
Chemical Resistant Resins	13,373	11,479	+16.5	139,634	134,768	+3.6						
Chemical Resistant Isophthalic Resins	10,101	9,179	+10.0	107,946	109,316	-1.3						
All Other Chemical Resistant Resins	3,272	2,300	+42.3	31,688	25,452	+24.5						
Reinforced Plastics, Total	84,190	74,411	+13.1	956,002	881,869	+8.4						
Non-Reinforced Plastics, Total	24,532	23,958	+2.4	296,545	286,553	+3.5						

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R = Revision

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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)(1)

NOVEMBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
UREA RESINS, TOTAL	105,863	106,002	- 0.1	1,255,409	1,160,126	+ 8.2	106,663	106,963	- 0.3	1,269,239	1,166,171	+ 8.8
MELAMINE RESINS, TOTAL	16,372	15,359	+ 6.6	183,389	176,603	+ 3.8	16,767	15,188	+ 10.4	195,540	161,140	+21.3
UREA & MELAMINE RESINS, TOTAL	122,235	121,361	+ 0.7	1,438,798	1,336,729	+ 7.6	123,430	122,151	+ 1.0	1,464,779	1,327,311	+10.4
Total Exports	D	D		D	D							
Total Domestic*	122,235	121,361	+ 0.7	1,438,798	1,336,729	+ 7.6						
Textile Treating & Coating Resins	2,084	2,173	- 4.1	22,489	19,505	+15.3	2,833	958	+195.7	27,352	22,952	+19.2
Paper Treating & Coating Resins	4,525	7,491	-39.6	74,065	89,106	-16.9	4,776	7,683	- 37.8	75,436	90,395	-16.5
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	97,163	96,738	+ 0.4	1,133,884	1,038,747	+ 9.2	97,869	97,885	- 0.0	1,133,967	1,036,099	+ 9.4
Laminating	4,381	3,867	+13.3	47,461	41,707	+13.8	4,224	3,667	+ 15.2	45,534	39,456	+15.4
Plywood	3,782	4,737	-20.2	53,740	55,372	- 2.9	3,793	4,913	- 22.8	54,655	55,884	- 2.2
Fibrous & Granulated Wood (Particle Board)	89,000	88,134	+ 1.0	1,032,683	941,668	+ 9.7	89,852	89,305	+ 0.6	1,033,778	940,759	+ 9.9
Protective Coatings (Straight & Modified)	9,307	7,771	+19.8	101,769	95,050	+ 7.1	11,087	8,754	+ 26.7	130,513	93,745	+39.2
All Other Uses (Includes Molding Compounds, and Exports)	9,156	7,188	+27.4	106,591	94,321	+13.0	6,865	6,871	- 0.0	97,511	84,120	+15.9
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224,361	215,132	+ 4.3	2,631,461	2,557,004	+ 2.9	225,648	215,716	+ 4.6	2,631,661	2,519,698	+ 4.4
Total Exports	1,691	1,160	+45.8	17,103	14,415	+18.6						
Total Domestic	222,670	213,972	+ 4.1	2,614,358	2,542,589	+ 2.8						
Molding Compounds	15,386	17,491	-12.0	179,729	190,745	- 5.8	16,165	18,071	- 10.5	190,548	198,243	- 3.9
Bonding & Adhesive Resins for:	200,990	192,664	+ 4.3	2,362,274	2,31[illegible]034	+ 2.2	203,359	193,563	+ 5.1	2,366,820	2,280,024	+ 3.8
Laminating	11,409	17,038	-33.0	175,663	18[illegible]5	- 5.1	11,667	17,005	- 31.4	176,396	157,345	+12.1
Coated & Bonded Abrasives	1,039	1,695	-38.7	17,796	[illegible]22	+ 2.3	1,048	1,704	- 38.5	17,889	17,475	+ 2.4
Friction Materials	1,993	2,619	-23.9	29,498	2[illegible],255	+ 8.2	2,379	2,557	- 7.0	28,916	26,319	+ 9.9
Insulation Materials	38,456	34,019	+13.0	393,414	391,310	+ 0.5	38,797	34,225	+ 13.4	394,993	384,729	+ 2.7
Foundry & Shell Molding	2,905	3,150	- 7.8	39,574	38,817	+ 2.0	2,875	3,283	- 12.4	39,448	38,729	+ 1.9
Plywood	121,156	110,067	+10.1	1,432,931	1,335,367	+ 7.3	122,095	110,354	+ 10.6	1,434,268	1,335,427	+ 7.4
Fibrous & Granulated Wood	19,588	16,593	+18.0	225,447	227,220	- 0.8	19,655	17,836	+ 10.2	225,257	232,375	- 3.1
Resins Sold to Rubber Industry	1,718	2,462	-30.2	16,674	28,504	-41.5	2,085	1,376	+ 51.5	18,037	25,830	-30.2
All Other	2,726	5,021	-45.7	31,277	61,064	-48.8	2,758	5,223	- 47.2	31,616	61,795	-48.8
Protective Coatings – Unmodified & Modified	1,966	2,110	- 6.8	22,418	21,589	+ 3.8	1,990	2,094	- 5.0	22,476	21,359	+ 5.2
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	4,328	1,707	+153.5	49,937	18,221	+174.1	4,134	1,988	+107.9	51,817	20,072	+158.2

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS (In thousands of pounds, dry weight basis) NOVEMBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1987	1986	Change	1987	1986	Change	1987	1986	Change	1987	1986	Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	791,892	646,601	+22.5	8,765,579R	8,023,327	+9.3	793,567	720,829	+10.1	8,659,324R	8,135,633	+6.4
Total Exports	77,953	65,965	+18.2	916,715R	849,201	+8.0						
Total Domestic	713,939	580,636	+23.0	7,848,864R	7,174,126	+9.4						
Film (12 Mils & Below)	462,246	349,106	+32.4	4,835,180R	4,368,851	+10.7						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	50,353	49,230	+14.4	627,405	529,008	+18.6						
Wire & Cable	25,090	26,292	-4.6	311,323	312,606	-0.4						
Extrusion Coating	54,637	50,727	+7.7	695,202	617,403	+12.6						
Blow Molding	3,890	2,503	+55.4	46,055	35,653	+29.2						
Pipe & Conduit, Total	2,226	2,234	-0.4	33,735	29,273	+15.2						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	11,319	8,684	+30.3	117,908	103,645	+13.8						
Resellers & Compounders	37,745	40,828	-7.6	529,117	540,926	-2.2						
All Other Uses	60,433	51,012	+18.5	652,939	636,761	+2.5						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	662,272	538,276	+23.0	7,443,282R	6,372,635	+16.8	692,937	598,740	+15.7	7,283,432R	6,576,702	+10.7
Total Exports	67,245	75,042	-10.4	811,065R	795,219	+2.0						
Total Domestic	595,027	463,234	+28.5	6,632,217R	5,577,416	+18.9						
Film (12 Mils & Below)	61,209	46,167	+32.6	583,281	451,408	+29.2						
Sheet (Over 12 Mils)	18,731	11,260	+66.3	208,470	161,507	+29.1						
Injection Molding	139,331	111,017	+25.5	1,651,855R	1,414,359	+16.8						
Wire & Cable	6,876	9,366	-26.6	101,692	112,159	-9.3						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	240,807	200,819	+19.9	2,621,930	2,209,913	+18.6						
Pipe & Conduit, Total	45,050	26,337	+71.1	546,340	414,599	+31.8						
Corrugated Pipe & Conduit	10,078	3,612	+179.0	137,306	136,877	+0.3						
Non-Corrugated Pipe & Conduit	34,972	22,725	+53.9	409,034	277,722	+47.3						
Other Extruded Products	7,806	1,551	+403.3	57,630	36,796	+56.6						
Resellers & Compounders	47,654	31,342	+52.0	524,360	459,143	+14.2						
All Other Uses	27,563	25,375	+8.6	336,659	317,532	+6.0						

(2) = Included in Other Extruded Products
(3) = Included in Film

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R = Revision

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

NOVEMBER 1987

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYPROPYLENE, TOTAL	558,661	454,161	+ 23.0	6,099,017	5,283,819	+ 15.4	597,574	513,665	+16.3	6,076,792	5,287,622	+14.9
Total Exports	94,628	80,125	+ 18.1	1,124,358	1,008,684	+ 11.5						
Total Domestic	464,033	374,036	+ 24.1	4,974,659	4,275,135	+ 16.4						
Injection Molding	138,618	103,711	+ 33.7	1,494,333	1,182,297	+ 26.4						
Appliances	10,838	10,916	- 0.7	134,449	117,393	+ 14.5						
Consumer Products	36,317	24,711	+ 47.0	397,421	287,409	+ 38.3						
Rigid Packaging	41,173	30,350	+ 35.7	464,642	394,996	+ 17.6						
Transportation	30,576	29,619	+ 3.2	297,975	280,788	+ 6.1						
All Other Injection Molding	19,714	8,115	+142.9	199,846	101,711	+ 96.5						
Blow Molding	7,561	7,277	+ 3.9	105,353	96,977	+ 8.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	47,703	36,319	+ 31.3	506,029	457,864	+ 10.5						
Sheet (Over 10 Mils)	7,312	3,776	+ 93.6	81,360	36,515	+122.8						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	153,115	123,255	+ 24.2	1,600,541	1,370,587	+ 16.8						
Textile Applications	146,406	114,612	+ 27.7	1,518,734	1,258,627	+ 20.7						
Non-Textile Monofilaments	6,709	8,643	- 22.4	81,807	111,960	- 26.9						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	8,260	8,400	- 1.7	111,441	87,710	+ 27.1						
Resellers & Compounders	96,951	76,138	+ 27.3	1,031,901	886,698	+ 16.4						
All Other Uses	4,513	15,160	- 70.2	43,701	156,487	- 72.1						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

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D = Disclosure

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

NOVEMBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
ACRYLONITRILE BUTADIENE-STYRENE (ABS) RESINS, TOTAL	114,400	98,726	+ 15.9	1,115,783R	987,555	+ 13.0	95,925	100,453	- 4.5	1,059,931R	991,159	+ 6.9
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,317	8,067	+ 27.9	117,284R	78,580	+ 49.3	12,593	8,467	+48.7	123,183R	81,782	+50.6
Total Exports	2,331	1,543	+ 51.1	28,932R	10,917	+165.0						
Total Domestic	7,986	6,524	+ 22.4	88,352R	67,663	+ 30.6						
POLYSTYRENE RESINS, TOTAL	368,511	342,381	+ 7.6	4,453,040	4,075,431	+ 9.3	405,863	380,383	+ 6.6	4,371,319	4,072,634	+ 7.3
Straight Polystyrene	200,814	181,562	+ 10.6	2,381,652	2,140,166	+ 11.3	216,124	194,369	+11.2	2,343,303	2,156,919	+ 8.6
Rubber-Modified Polystyrene	167,697	160,819	+ 4.3	2,071,388	1,935,265	+ 7.0	189,739	186,469	+ 1.8	2,028,016	1,915,715	+ 5.9
Total Exports	7,111	6,625	+ 7.3	100,426	98,721	+ 1.7						
Straight Polystyrene	4,557	5,531	- 17.6	66,855	69,406	- 3.7						
Rubber-Modified Polystyrene	2,554	1,094	+133.5	33,571	29,315	+ 14.5						
Total Domestic	361,400	335,756	+ 7.6	4,352,614	3,976,710	+ 9.5						
Molding	141,313	113,073	+ 25.0	1,669,726	1,413,453	+ 18.1						
Extrusion	159,364	158,063	+ 0.8	1,962,156	1,785,711	+ 9.9						
Expandable Polystyrene Beads	41,663	39,604	+ 5.2	478,363	462,294	+ 3.5						
All Other Uses	19,060	25,016	- 23.8	242,369	315,252	- 23.1						
Polystyrene End Uses, Total**	361,400	335,756	+ 7.6	4,352,614	3,976,710	+ 9.5						
Packaging	92,323	92,818	- 0.5	1,163,882	1,008,661	+ 15.4						
Disposables	59,316	39,366	+ 50.7	706,485	509,658	+ 38.6						
Consumer and Institutional Products	56,579	49,780	+ 13.7	711,074	551,341	+ 29.0						
Electrical/Electronics	39,916	36,026	+ 10.8	447,585	371,701	+ 20.4						
Furniture, Furnishings, Building & Construction	20,065	21,286	- 5.7	214,917	216,231	- 0.6						
Expandable Polystyrene Beads	41,663	39,604	+ 5.2	478,363	462,294	+ 3.5						
Resellers and Compounders	32,645	41,555	- 21.4	373,213	469,838	- 20.6						
All Other End Uses	18,893	15,321	+ 23.3	257,095	386,986	- 33.6						

** = Portions of the End Use Section are estimated.

R = Revision

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SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

NOVEMBER 1987

THERMOPLASTIC RESINS

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
STYRENE BASED LATEXES, TOTAL ***	78,373	71,315	+ 9.9	894,167	796,830	+12.2	76,640	76,330	+ 0.4	851,714	756,936	+12.5
Paper Treating	2,545	4,671	-45.5	38,151	51,278	-25.6						
Textile Treating	1,175	1,940	-39.4	13,191R	18,513	-28.7						
Carpet Backing	25,831	24,014	+ 7.6	338,269R	290,462	+16.5						
All Other Uses (Including Exports & Paper Coating)	48,822	40,690	+20.0	504,556	436,577	+15.6						
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	24,067	19,091	+26.1	260,917R	258,084	+ 1.1	25,948	23,233	+11.7	274,910R	259,625	+ 5.9
Total Export	D	D		D	D							
Total Domestic	D	D		D	D							
Molding & Extrusion	D	D		D	D							
Coatings	D	D		D	D							
NYLON RESINS, TOTAL	44,316	35,371	+25.3	454,917	407,346	+11.7	40,571	37,298	+ 8.8	465,468	427,726	+ 8.8
Total Exports	5,571	4,098	+35.9	53,160	35,892	+48.1						
Total Domestic	38,745	31,273	+23.9	401,757	371,454	+ 8.2						
Injection Molding Grade	23,454	19,835	+18.2	243,322	245,620	- 0.9						
Extrusion Grade	11,701	9,284	+26.0	119,792	103,397	+15.9						
Resellers and Compounders	2,496	1,334	+87.1	27,357	16,278	+68.1						
All Other Uses	1,094	820	+33.4	11,286	6,159	+83.2						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

Styrene Based Latexes sales includes some Canadian produced material.

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D = Disclosure
R = Revision

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

NOVEMBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	694,343	590,924	+17.5	7,416,400	6,750,999	+9.9	687,435	593,260	+15.9	7,244,057	6,585,040	+10.0
Homopolymer Resins Including Blending & Latex	633,566	540,660	+17.2	6,804,961	6,195,958	+9.8	627,204	541,356	+15.9	6,657,198	6,049,725	+10.0
Copolymer Resins Including Blending & Latex	17,556	16,798	+4.5	191,302	188,645	+1.4	19,142	16,940	+13.0	184,899	179,949	+2.8
Dispersion Resins	43,221	33,466	+29.1	420,137	366,396	+14.7	41,089	34,964	+17.5	401,960	355,366	+13.1
Total Exports	34,712	33,854	+2.5	400,246	331,599	+20.7						
Total Domestic	659,631	557,070	+18.4	7,016,154	6,419,400	+9.3						
Calendering, Total	69,228	48,033	+44.1	715,494	654,119	+9.4						
Flooring	17,215	11,520	+49.4	171,895	149,816	+14.7						
Textile	7,585	6,653	+14.0	100,924	72,931	+38.4						
All Other Calendering Uses	44,428	29,860	+48.8	442,675	431,372	+2.6						
Coating, Total	34,535	27,925	+23.7	344,722	301,988	+14.2						
Flooring	16,523	12,847	+28.6	152,159	131,346	+15.8						
Textile & Paper Coating	9,734	7,827	+24.4	100,833	89,431	+12.7						
Protective Coatings	4,160	3,650	+14.0	46,548	43,247	+7.6						
Adhesives & All Other Coating Uses	4,118	3,601	+14.4	45,182	37,964	+19.0						
Extrusion, Total	451,726	389,294	+16.0	4,867,713	4,459,003	+9.2						
Wire & Cable	41,152	33,621	+22.4	420,641	383,833	+9.6						
Film & Sheet, Packaging	26,219	20,929	+25.3	264,891	236,868	+11.8						
Film & Sheet, Non-Packaging	6,238	N/A	N/A	54,494	N/A							
Siding & Siding Accessories, & Mobile Home Skirts	47,960	35,919	+33.5	579,792	480,290	+20.7						
Rigid Pipe & Tubing (Except Fittings)	289,093	258,845	+11.7	3,084,794	2,867,380	+7.6						
All Other Extrusions	41,064	39,980	+2.7	463,191	490,632	-5.6						
Molding, Total	46,378	35,337	+31.2	466,392	459,831	+1.4						
Bottles	19,420	11,389	+70.5	158,555	178,173	-11.0						
Fittings (Rigid Pipe & Tubing)	12,839	11,005	+16.7	146,333	129,833	+12.7						
All Other Molding	14,119	12,943	+9.1	161,504	151,825	+6.4						
Paste Processes (Except Coating)	15,639	12,401	+26.1	151,829	143,135	+6.1						
Plastisol Formulation	7,785	6,205	+25.5	79,701	69,930	+14.0						
All Other	7,854	6,196	+26.8	72,128	73,205	-1.5						
Resellers & Compounders	31,614	36,721	-13.9	327,016	295,209	+10.8						
All Other Uses	10,511	7,359	+42.8	142,988	106,115	+34.7						

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N/A = Not Available

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

NOVEMBER 1987

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	NOVEMBER			YEAR-TO-DATE			NOVEMBER			YEAR-TO-DATE		
	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change	1987	1986	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	55,240	50,714	+8.9	654,535	640,481	+2.2	55,240	50,714	+8.9	654,535	640,481	+2.2
Total Exports	427	207	+106.3	6,209	3,725	+66.7						
Total Domestic	54,813	50,507	+8.5	648,326	636,756	+1.8						
Emulsion Paints	17,487	15,291	+14.4	219,864	218,645	+0.6						
Adhesives, Caulks and Sealants	19,412	19,033	+2.0	230,904	236,030	-2.2						
Paper Treating & Paper Coating	10,660	9,322	+14.4	111,116	100,608	+10.4						
Textile Treating	2,598	2,303	+12.8	31,584	29,514	+7.0						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses	4,656	4,558	+2.2	54,858	51,959	+5.6						
POLYVINYL ALCOHOL, TOTAL #	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Exports	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
Total Domestic	D(4)	D(4)		D(4)	D(4)		D(4)	D(4)		D(4)	D(4)	
OTHER VINYL RESINS*, TOTAL	15,040	13,690	+9.9	187,640R	168,444	+11.4	15,184	14,500	+4.7	192,668R	177,242	+8.7
Total Exports	5,965	3,681	+62.0	67,823R	46,588	+45.6						
Total Domestic	9,075	10,009	-9.3	119,817R	121,856	-1.7						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	119,021	92,572	+28.6	1,280,794	1,049,619	+22.0	108,956	99,969	+9.0	1,272,799	1,061,386	+19.9
Total Exports	12,933	12,448	+3.9	173,781	143,143	+21.4						
Total Domestic	106,088	80,124	+32.4	1,107,013	906,476	+22.1						
PET Bottle Grades	75,215	58,357	+28.9	796,400	645,659	+23.3						
All Other Thermoplastic Polyester**	30,873	21,767	+41.8	310,603	260,817	+19.1						

** = Includes All Other PET and All Injection Molding Grades

= Includes imputed data

(1) = Included in All Other Uses

(4) = The publishing of PVOH data has been temporarily suspended.

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R = Revision

D = Disclosure

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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
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FOR THE MONTH AND PERIOD ENDED

OCTOBER 1987

APPARENT CONSUMPTION REPORT OF
THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, WASHINGTON, D.C.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

RELEASE DATE: January 15, 1988

SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

OCTOBER 1987

RESIN KIND	OCTOBER				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	37	1	9	29	353	13	101	265	5%
POLYESTER (UNSATURATED) RESINS, TOTAL	120	2	1	121	1,156	7	37	1,126	1%
UREA RESINS, TOTAL	124	2	1	125	1,163	23	8	1,178	2%
MELAMINE RESINS, TOTAL	19	1	1	19	179	5	11	173	3%
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	261	4	4	261	2,406	39	45	2,400	2%
THERMOSETTING RESINS, TOTAL	561	10	16	555	5,257	87	202	5,142	2%
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	809	55	83	781	8,000R	627	864	7,763	8%
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	709	4	72	641	6,592R	61	754	5,899	1%
POLYPROPYLENE, TOTAL	602	1	124	479	5,479R	13	1,196	4,296	0%
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	92	4	21	75	973	59	144	888	7%
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	13	1	3	11	110	5	26	89	6%
OTHER STYRENICS	113	6	9	110	1,013	61	94	980	6%
POLYSTYRENE, TOTAL	417	2	11	408	3,965	15	117	3,863	0%
NYLON RESINS, TOTAL	44	5	10	39	425	41	86	380	11%
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	681	6	22	665	6,357	107	340	6,324	2%
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	61	2	3	60	599	23	33	589	4%
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS, TOTAL	19	2	5	16	184	23	53	154	15%
THERMOPLASTIC POLYESTER, TOTAL	124	3	12	115	1,164	24	74	1,114	2%
THERMOPLASTIC RESINS, TOTAL	3,684	91	375	3,400	35,061R	1,059	3,781	32,339	3%
GRAND TOTAL	4,245	101	391	3,955	40,318R	1,146	3,983	37,481	3%

(1) = Except phenolic resins which are reported on a gross weight basis

D = Disclosure

R = Revision

(4) = The publishing of PVOH data is temporarily suspended.

Monthly totals and year-to-date may not agree due to government revisions and rounding.

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Sources: Production — SPI Monthly Statistical Report
Imports — Bureau of Census IM 146
Exports — Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1604/444.1606/444.1608
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B